

# The dis-appearance of Technology and re-appearance of Nature

Stefano Andreani | MDesS Tech | Responsive Environments: Disappearance | Spring 2012 | Harvard GSD

Technology vs. Nature

Technology enhances Nature

# 1. Cloudscapes, Transsolar + Tetsuo Kondo architects, Venice Architecture Biennale 2010



# 1. Cloudscapes, Transsolar + Tetsuo Kondo architects





# 1. Cloudscapes, Transsolar + Tetsuo Kondo architects



**37°C / 60% RH**

hot + dry layer



**25°C / 100% RH**

warm+ humid layer

**18°C / 40% RH**

cool + dry layer





<http://www.youtube.com/watch?v=5lqaFAzR7Wo>



## 2. Hylozoic Ground, Philip Beesley, Venice Architecture Biennale 2010

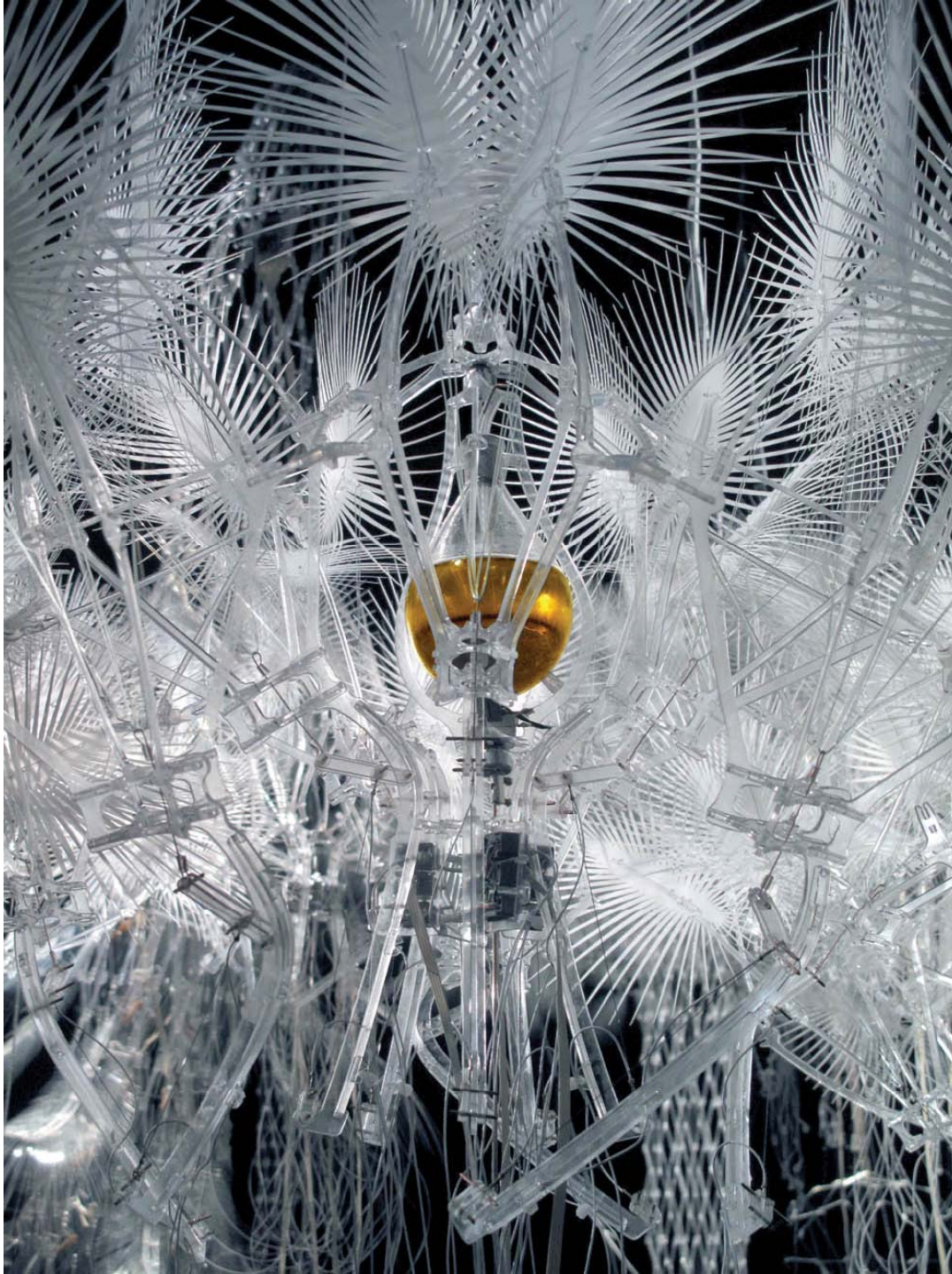




2. Hylozoic Ground, Philip Beesley, Venice Architecture Biennale 2010









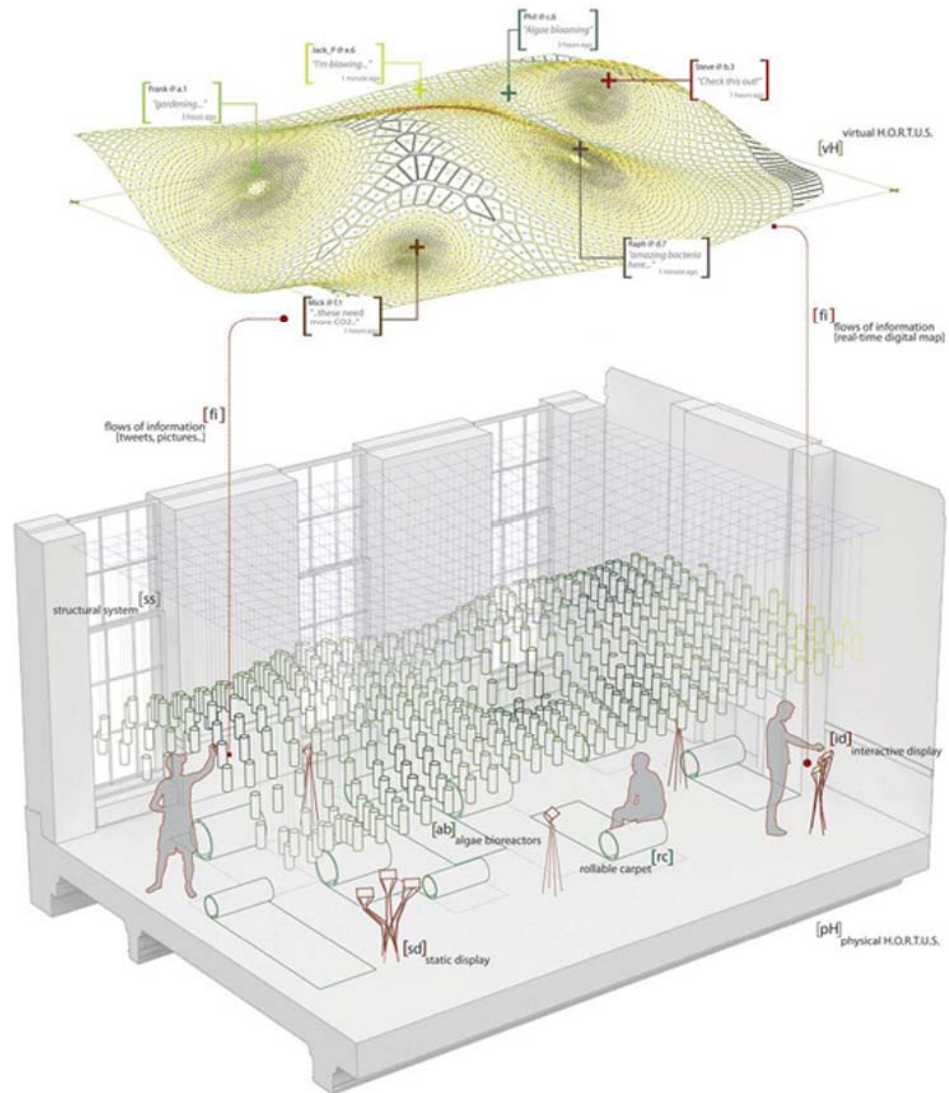




[http://www.youtube.com/watch?v=v86B9Nz\\_LVU&feature=relmfu](http://www.youtube.com/watch?v=v86B9Nz_LVU&feature=relmfu)

### 3. H.O.R.T.U.S. (Hydro Organism Responsive to Urban Stimuli)

ecoLogicStudio, AA London 2011



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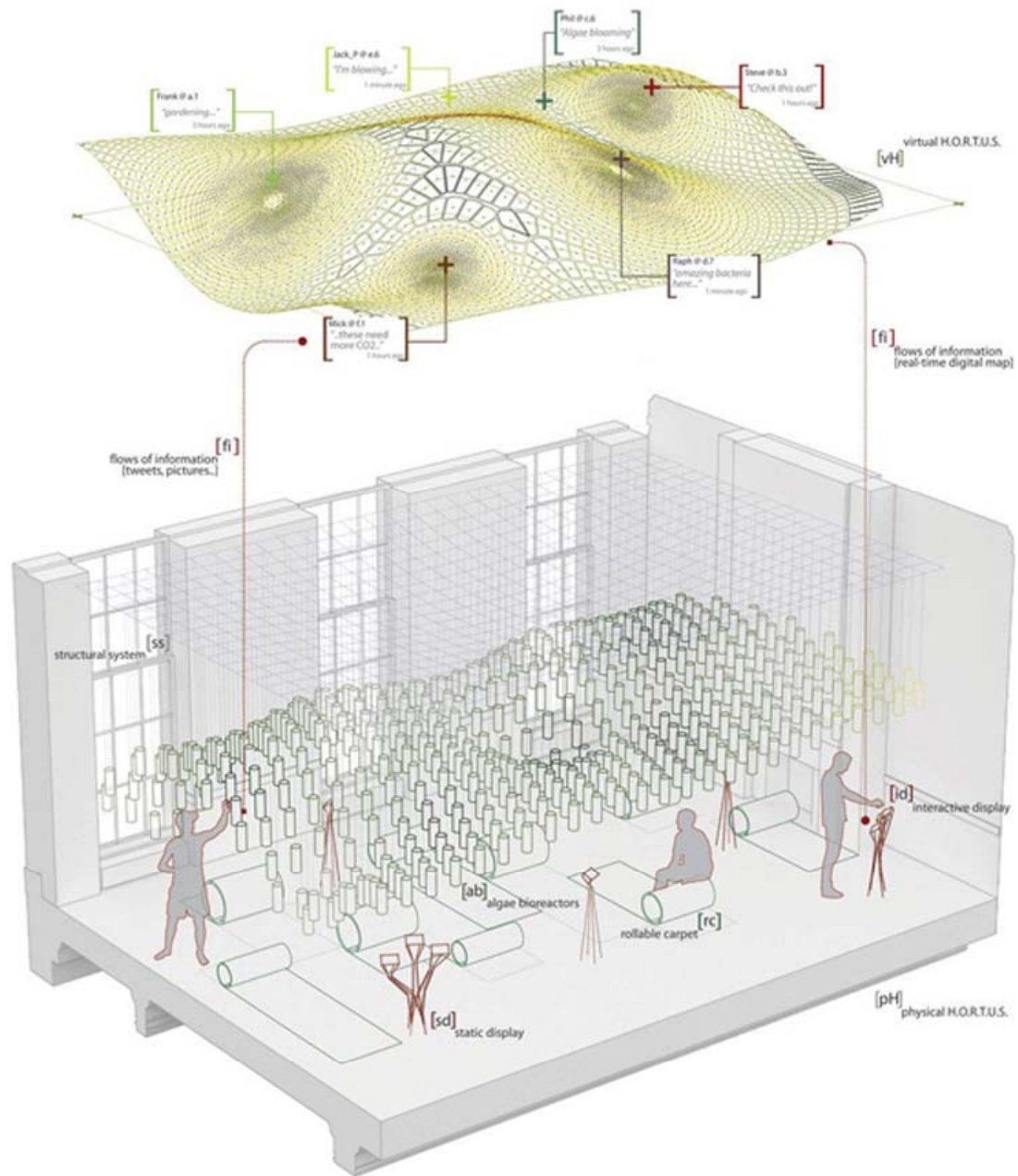
### 3. H.O.R.T.U.S. (Hydro Organism Responsive to Urban Stimuli) ecoLogicStudio, AA London 2011



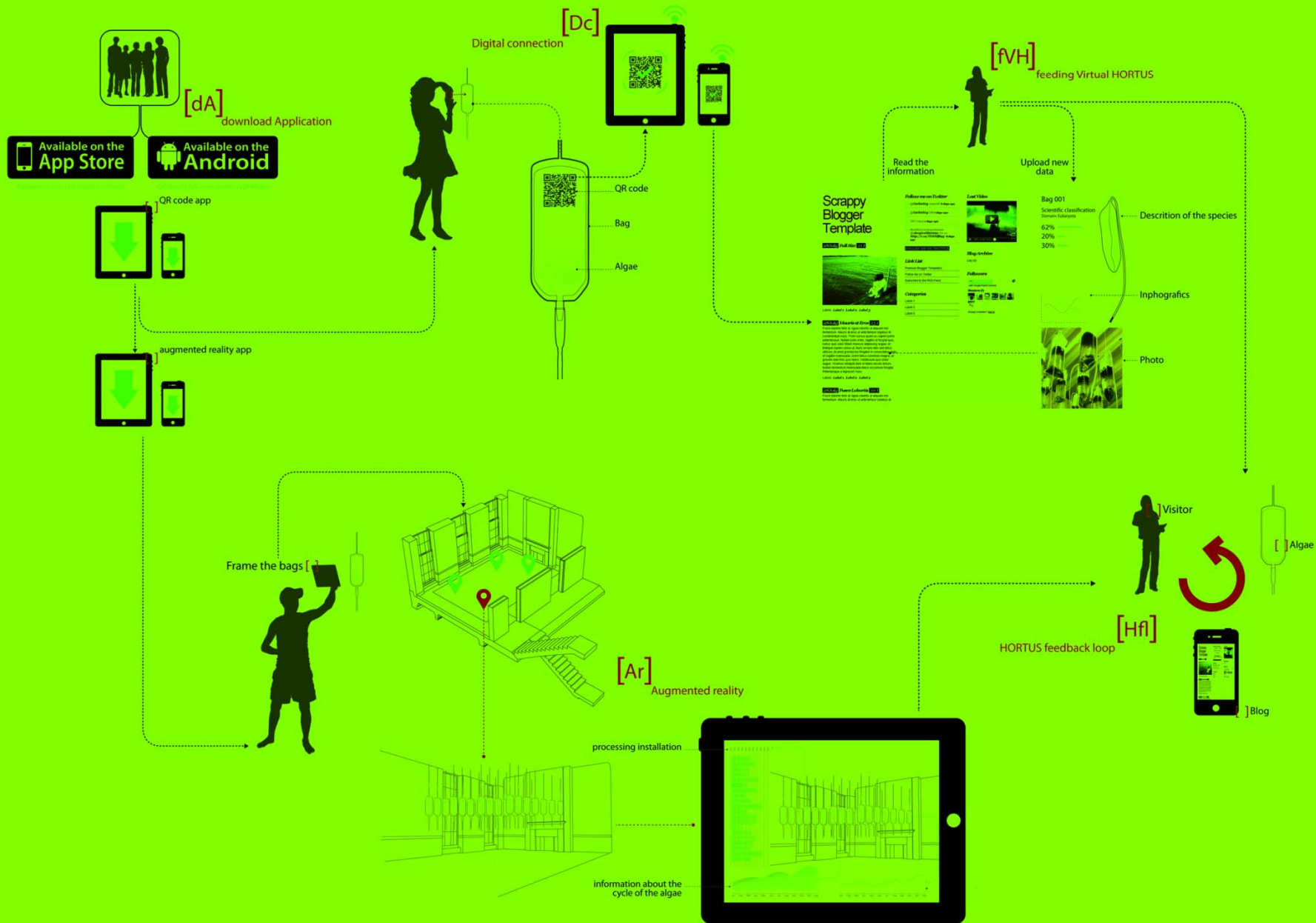
















[dA]

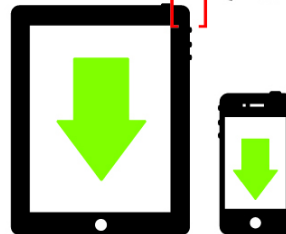
download Application



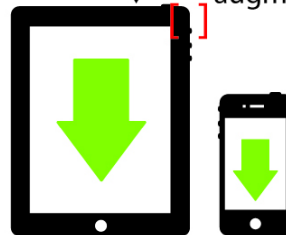
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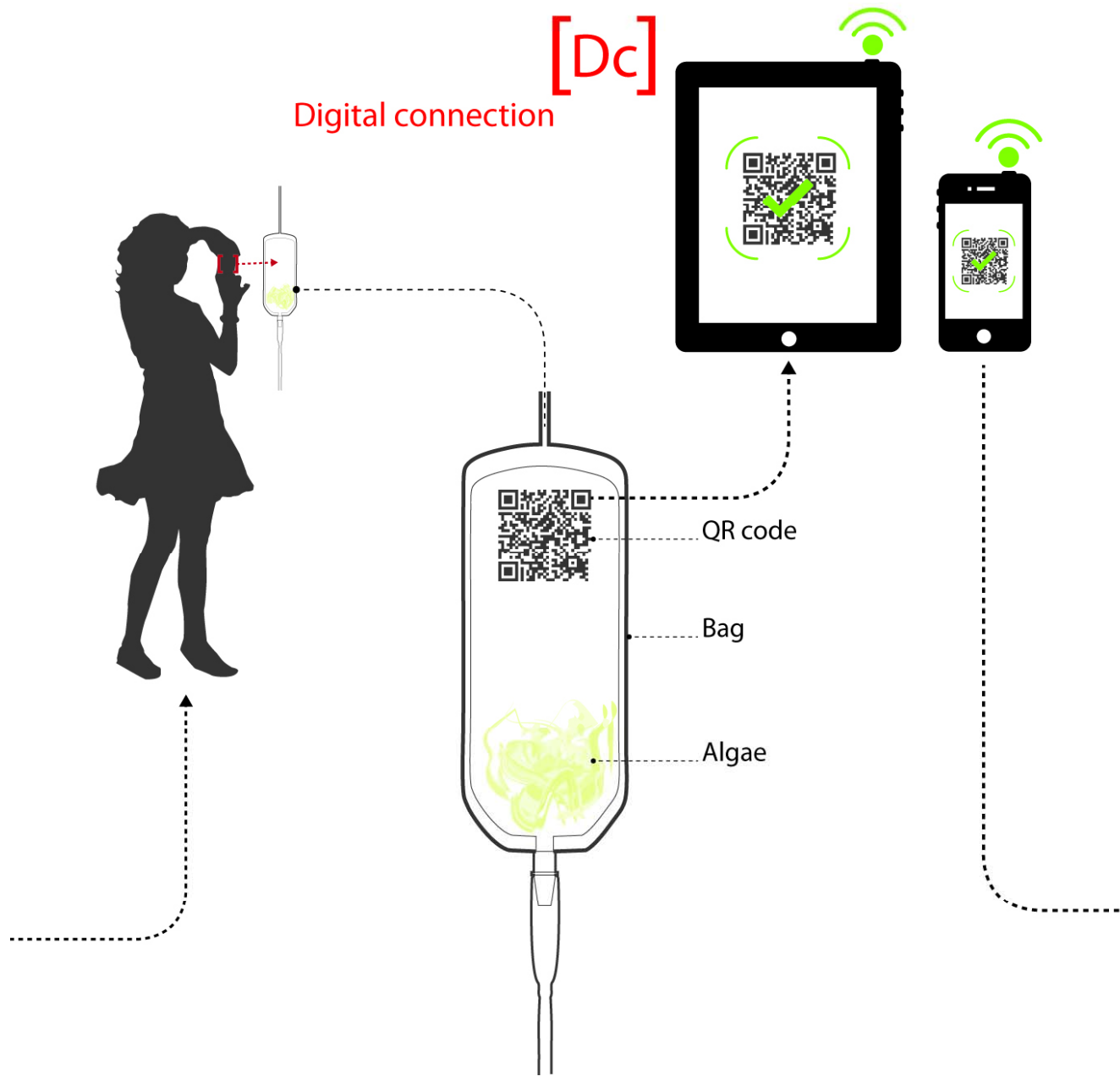
*QR droid / QR code reader / QR Maker*



QR code app



augmented reality app



[fVH]

feeding Virtual HORTUS



Read the  
information

Upload new  
data

Scrappy  
Blogger  
Template

28 July Full Size (1)



Labels: *Label 1*, *Label 2*, *Label 3*

28 July *Mauris at Eros* (5)

Fusce lobortis feis ac ligula lobortis ut aliquam nisi fermentum. Mauris at eros ut ante tempore dispius et condimentum nunc. Proin cursus quam eu sapien porta pellentesque. Nullam justo enim, sagittis id feugiat quis, varius quis odio! Etiam rhoncus adipiscing augue, et tristique sapien varius ut. Nunc ornare nibh sed tellus utinices sit amet gravida leo fringilla! In consectetur, et sagittis malesuada, lorem tellus commodo magna, ut gravida odio feis quis libero. Vestibulum quis dolor augue. Vivamus volutpat diam in libero iaculis dictum. Nullam fermentum malesuada libero accumsan fringilla. Pellentesque a dignissim nunc.

Labels: *Label 1*, *Label 2*, *Label 3*

28 July *Fusce Lobortis* (6)

Fusce lobortis feis ac ligula lobortis ut aliquam nisi fermentum. Mauris at eros ut ante tempore dispius et

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TM Voltout 7 days ago

@dufelfezcondongvelderitas (@dorginaldantass live on http://t.co/VOVH89q) 8 days ago

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Bag 001

Scientific classification  
Domain: Eukaryota

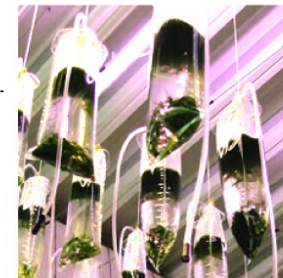
62%  
20%  
30%



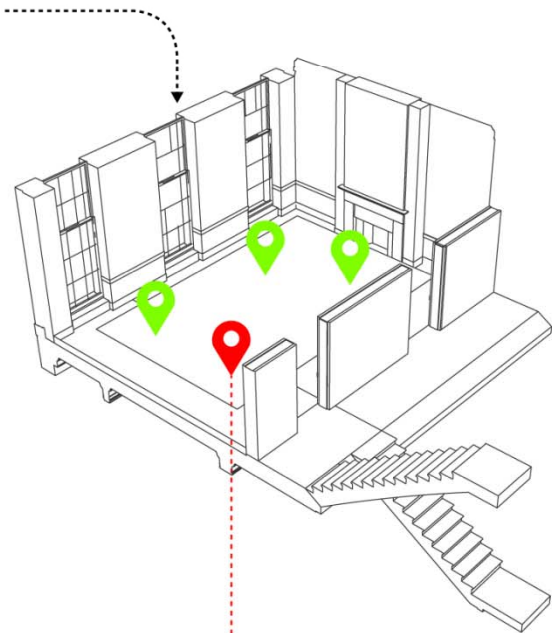
Description of the species



Inphographics



Photo

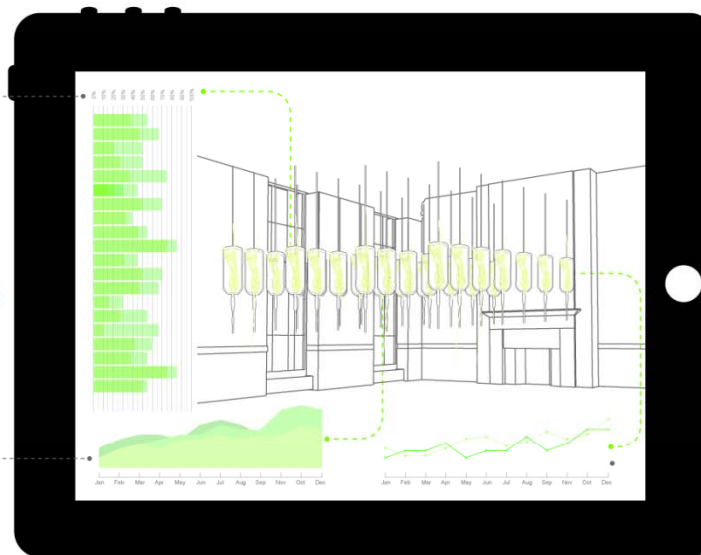


[Ar]  
Augmented reality

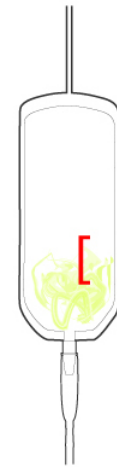


processing installation

information about the  
cycle of the algae







[Hf]

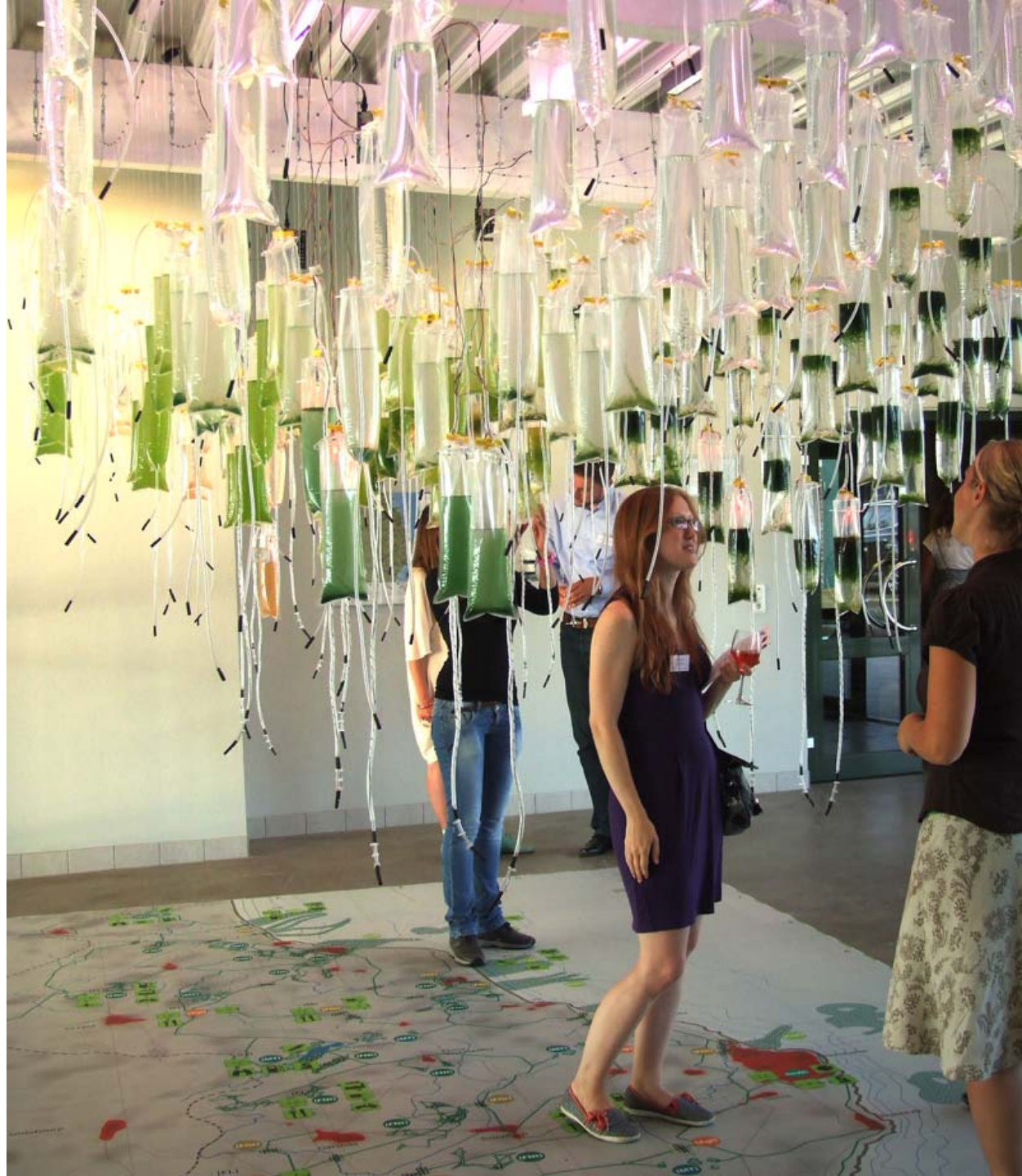
HORTUS feedback loop



[ ] Blog









4. Warped, Matthew Hume, New York 2008



## 4. Warped, Matthew Hume



00 min.



15 min.

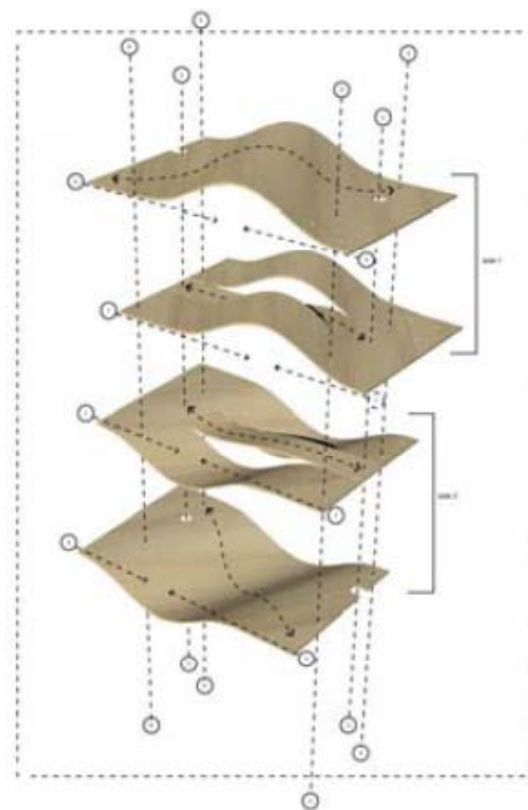
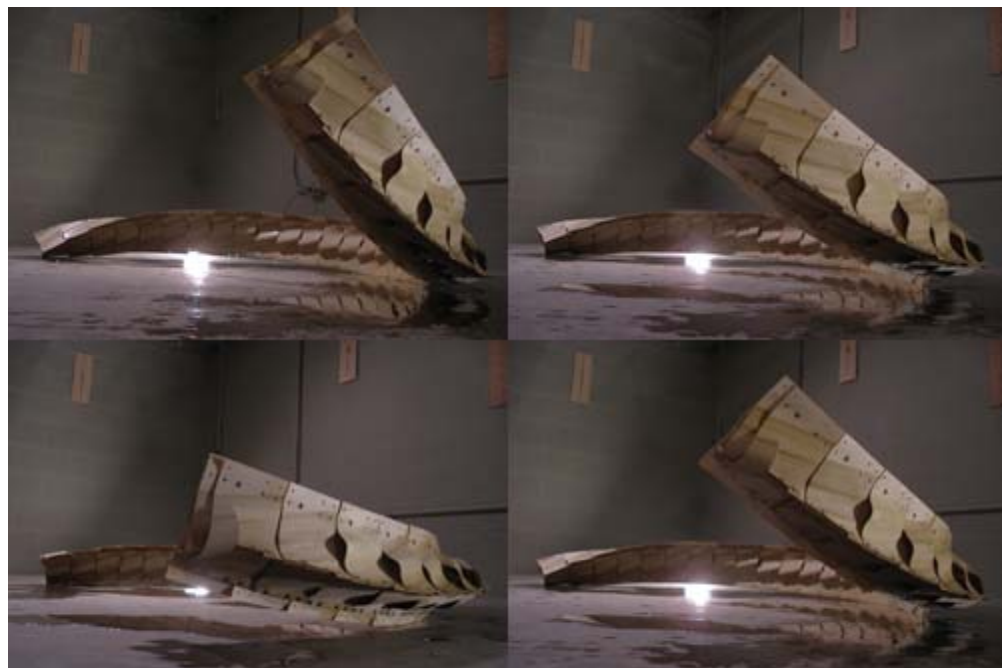


30 min.









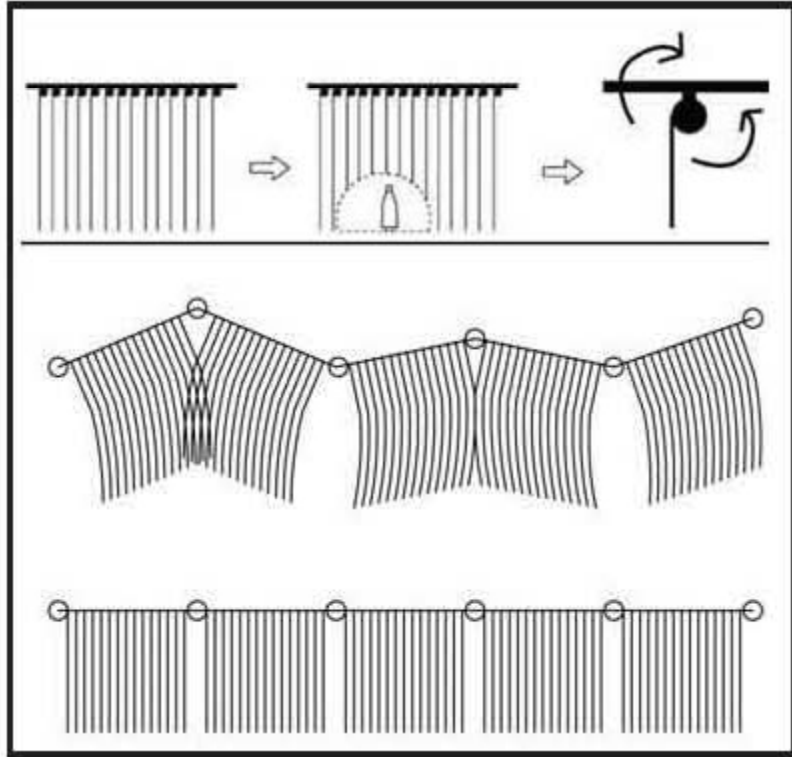
## 5. Interactive Curtain, Hyperbody, TU Delft 2008















6. Reef, Rob Ley, New York 2009



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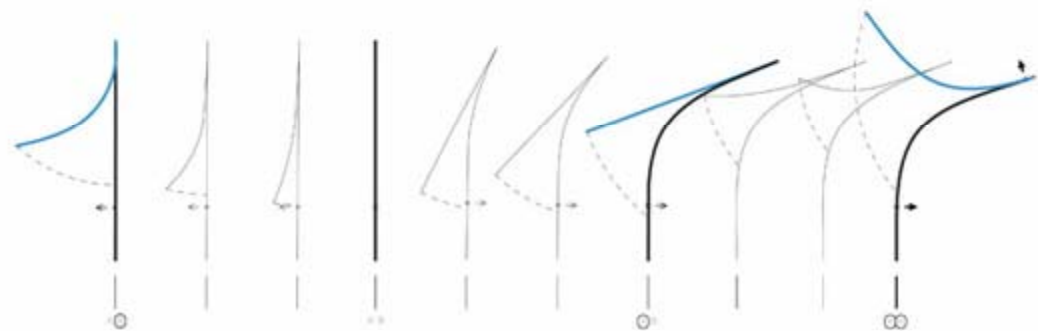
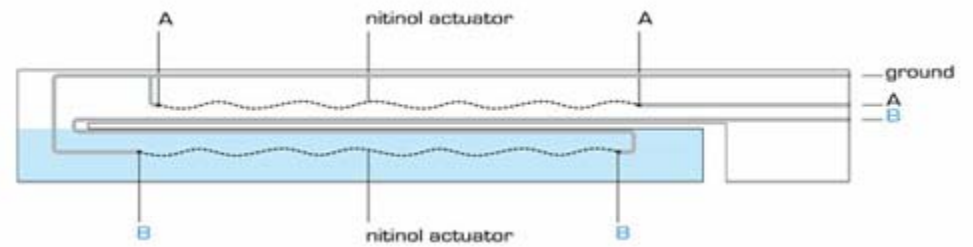
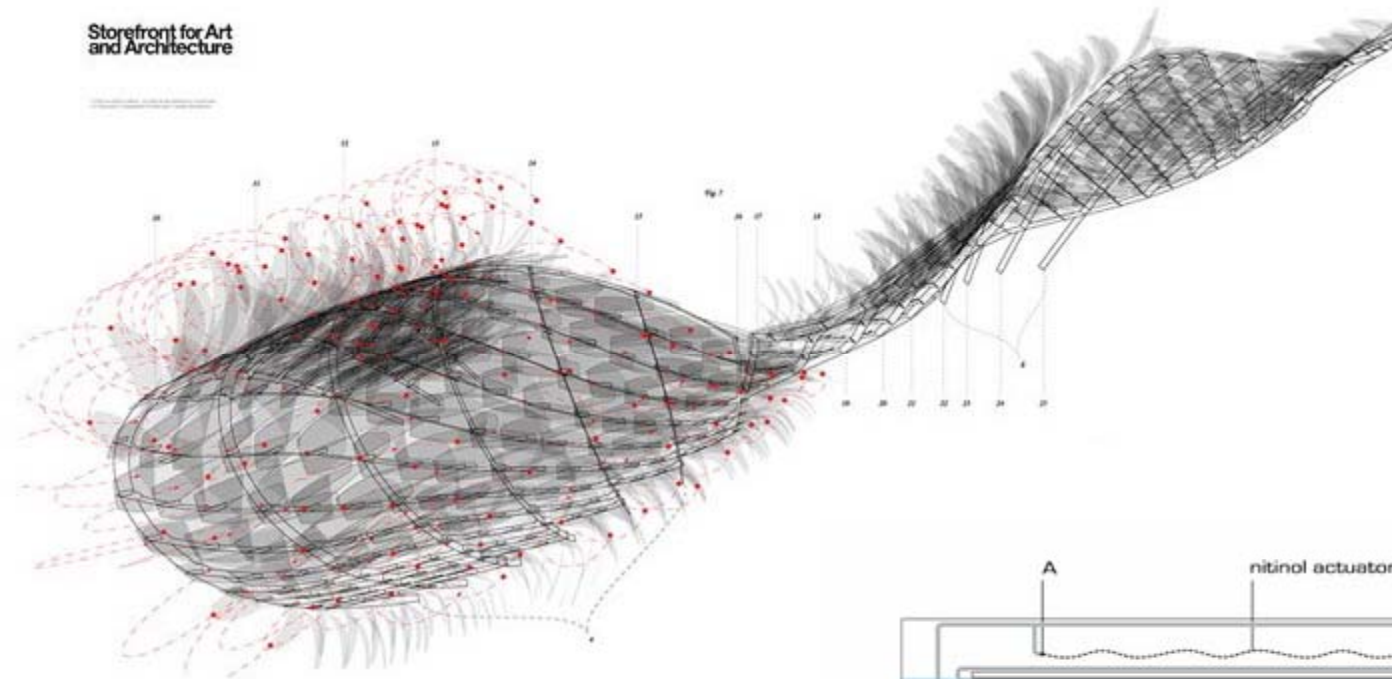








<http://www.youtube.com/watch?v=pbxTafJl3lc>



A off B on  
upper panel static  
lower panel in motion

A off B off  
upper panel static  
lower panel static

A on B off  
upper panel in motion  
lower panel static

A on B on  
upper panel in motion  
lower panel in motion

7. Shoal, Troika, Toronto 2010









<http://vimeo.com/15774656>

## 8. Techno-Naturolgy , Elaine Ng Yan Ling









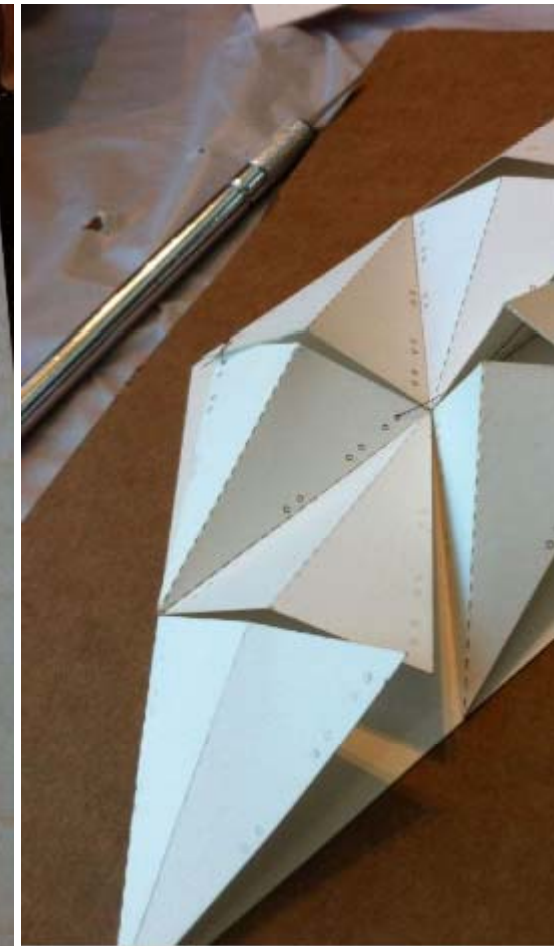
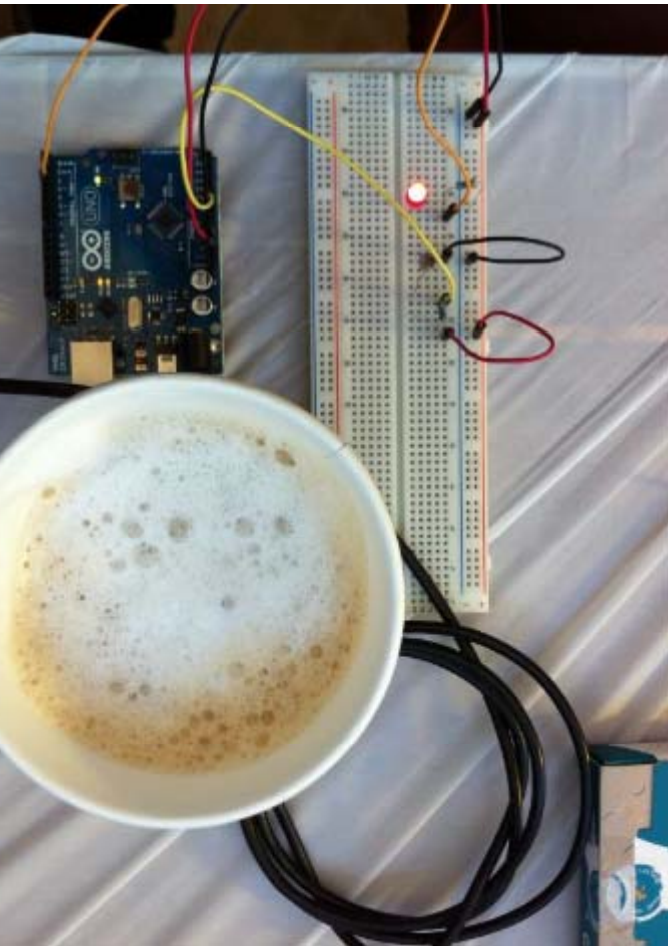




<http://vimeo.com/14522270>



## 9. Micro Synergetics, Sascha Bohnenberger, SmartGeometry 2012 Troy



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[http://www.youtube.com/watch?feature=player\\_embedded&v=sWr5Jjjl3c#!](http://www.youtube.com/watch?feature=player_embedded&v=sWr5Jjjl3c#!)

## 9. Micro Synergetics, Sascha Bohnenberger, SmartGeometry 2012 Troy



[http://www.youtube.com/watch?feature=player\\_embedded&v=8Gbcr1bz27s](http://www.youtube.com/watch?feature=player_embedded&v=8Gbcr1bz27s)



## 9. Micro Synergetics, Sascha Bohnenberger, SmartGeometry 2012 Troy



<http://vimeo.com/39123540>

10. Still Life, Scott Garner, 2012



## 10. Still Life, Scott Garner, 2012



<http://vimeo.com/35109750>